

JAN 30 2006

TELECOPY COVER SHEET

RAUSCHENBACH PATENT LAW GROUP, LLC

ATTORNEYS AT LAW

TO: Examiner Jerry M. Blevins  
AT: United States Patent and Trademark Office  
Art Unit: 2883

TEL: 571.272.8581  
FAX: 571-273-8300

FROM: Kurt Rauschenbach, Ph.D.  
DATE: January 30, 2006  
RE: Supplementary Response  
CLIENT: USSN: 10/707,729 (OPT-008CP2)  
PAGES: 18 (Including this Cover Sheet)

**COMMENTS.**

**Dear Examiner Blevins:**

Following this cover sheet, please find a Supplementary Amdnemdt  
and Response, and related documents for the above-referenced case.

Please send confirmation of receipt of this facsimile transmission by  
return facsimile. My fax number is 781.271.1527.

Thank you,  
Kurt Rauschenbach

Doc. 1753

*This facsimile is subject to attorney-client privilege and contains confidential information intended only for the person(s) named above. If you have received this facsimile in error, please notify us immediately by telephone and destroy the original transmission without making a copy.*

JAN 30 2006

PTO/SB/21 (09-04)

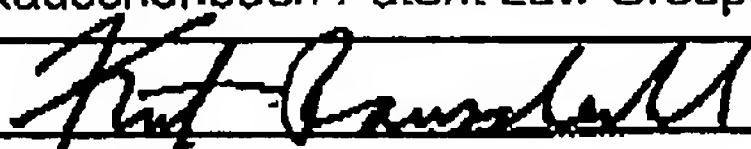
Approved for use through 07/31/2006. OMB 0651-0031

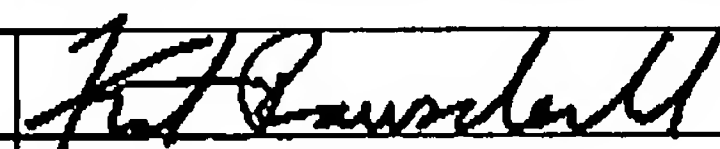
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/707,729
	Filing Date	1/7/2004
	First Named Inventor	Hallemeier
	Art Unit	2883
	Examiner Name	Jerry M. Blevins
Total Number of Pages in This Submission	Attorney Docket Number	OPT-008CP2

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Supplementary Response (16 pgs.); & Facsimile Cover Sheet (1 pg.)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Rauschenbach Patent Law Group, LLC		
Signature			
Printed name	Kurt Rauschenbach		
Date	January 30, 2006	Reg. No.	40,137

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Kurt Rauschenbach	Date	January 30, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED  
CENTRAL FAX CENTER

PATENT  
Attorney Docket No.: OPT-008CP2

JAN 30 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hallemeier  
SERIAL NO.: 10/707,729 GROUP NO.: 2883  
FILING DATE: January 7, 2004 EXAMINER: Jerry M. Blevins  
TITLE: Optical Fiber Transmission System With Increased Effective Modal  
Bandwidth Transmission

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SUPPLEMENTARY AMENDMENT AND RESPONSE

Sir:

The following amendments and remarks are responsive to the Examiner's Interview on December 21, 2005 for the above-identified patent application. Entry and consideration of the following Supplemental Response, and allowance of the claims, as presented, are respectfully requested. The Commissioner is hereby authorized to charge any proper fees to Attorney's Deposit Account No. 501211.

Amendments to the Claims begin on page 2 of this paper.

Remarks are on page 12 of this paper.